

0185660SeqList.txt  
SEQUENCE LISTING

<110> DSM IP ASSETS B.V.  
<120> A gene encoding vitamin B6 phosphate phosphatase and use thereof  
<130> NDR5234  
<140> PCT/EP03/10575  
<141> 2003-09-23  
<150> EP 02021622.2  
<151> 2002-09-27  
<160> 12  
<170> PatentIn version 3.2  
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Glu Ala Ile Lys  
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tcytcaaca tncangcrtt

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 1 5 10 15

acc gac tgg gtc ttc gac ctc gac aac acg ctc tat ccg cat cac gtc 96  
 Thr Asp Trp Val Phe Asp Leu Asp Asn Thr Leu Tyr Pro His His Val  
 20 25 30

aat ctg ttc tca cag atc gac cgc aac atg acg gcc tat gtt gcc gaa 144  
 Asn Leu Phe Ser Gln Ile Asp Arg Asn Met Thr Ala Tyr Val Ala Glu  
 35 40 45

ctc ctg tcg ctg gag cct gcg gag gcg aag aag ctg cag aag gaa tac 192  
 Leu Leu Ser Leu Glu Pro Ala Glu Ala Lys Lys Leu Gln Lys Glu Tyr  
 50 55 60

tac cgc gac cac ggc acc acg ctt cag ggc ctg atg ctt cat cac ggc 240  
 Tyr Arg Asp His Gly Thr Thr Leu Gln Gly Leu Met Leu His His Gly  
 65 70 75 80

atc gat ccc aat gat ttc ctc gaa aga gcc cac gcc atc gac tat agc 288  
 Ile Asp Pro Asn Asp Phe Leu Glu Arg Ala His Ala Ile Asp Tyr Ser  
 85 90 95

gtg gtg ccg gcc gat ccg gcg ctc ggc gag gcg atc aag gcg ctg ccc 336  
 Val Val Pro Ala Asp Pro Ala Leu Gly Glu Ala Ile Lys Ala Leu Pro  
 100 105 110

gga cgc aag ttc atc ttc acc aac ggc agc gtc gcc cat gcg gag atg 384  
 Gly Arg Lys Phe Ile Phe Thr Asn Gly Ser Val Ala His Ala Glu Met  
 115 120 125

acc gcg cgg gcg ctc ggc att ctc gag cat ttc aac gac atc ttc gac 432  
 Thr Ala Arg Ala Leu Gly Ile Leu Glu His Phe Asn Asp Ile Phe Asp  
 130 135 140

atc gtc gcc gcc ggc ttc ata ccg aag ccc gcc ggc gac acc tac gac 480  
 Ile Val Ala Ala Gly Phe Ile Pro Lys Pro Ala Gly Asp Thr Tyr Asp

## 0185660SeqList.txt

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Lys Phe Met Gly Leu His Arg Ile Asp Thr Ala Asn Glu Val Met Phe	165	170	175	
gag gat ctg ccg cgc aac ctg gtc gtc cct aag gcg ctc ggc atg aag				576
Glu Asp Leu Pro Arg Asn Leu Val Val Pro Lys Ala Leu Gly Met Lys	180	185	190	
acg gtg ctg ctc gtg ccg cgc aat ctc gaa tac gag ttc gcc gag gcc				624
Thr Val Leu Leu Val Pro Arg Asn Leu Glu Tyr Glu Phe Ala Glu Ala	195	200	205	
tgg gaa acg tcg agc gac gcg gac gat cag atc gac tac gtc acg gaa				672
Trp Glu Thr Ser Ser Asp Ala Asp Asp Gln Ile Asp Tyr Val Thr Glu	210	215	220	
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Asp Leu Ala Gly Phe Leu Arg Ser Val Ile Val	225	230	235	

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Met Lys Lys Leu Asp Arg Met Pro Thr His Ala Glu Phe Ala His Val	1	5	10	15
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Leu Leu Ser Leu Glu Pro Ala Glu Ala Lys Lys Leu Gln Lys Glu Tyr	50	55	60	
Tyr Arg Asp His Gly Thr Thr Leu Gln Gly Leu Met Leu His His Gly	65	70	75	80
Ile Asp Pro Asn Asp Phe Leu Glu Arg Ala His Ala Ile Asp Tyr Ser	85	90	95	
Val Val Pro Ala Asp Pro Ala Leu Gly Glu Ala Ile Lys Ala Leu Pro	100	105	110	
Gly Arg Lys Phe Ile Phe Thr Asn Gly Ser Val Ala His Ala Glu Met	115	120	125	
Thr Ala Arg Ala Leu Gly Ile Leu Glu His Phe Asn Asp Ile Phe Asp				

130

135

Ile Val Ala Ala Gly Phe Ile Pro Lys Pro Ala Gly Asp Thr Tyr Asp  
145 150 155 160

Lys Phe Met Gly Leu His Arg Ile Asp Thr Ala Asn Glu Val Met Phe  
165 170 175

Glu Asp Leu Pro Arg Asn Leu Val Val Pro Lys Ala Leu Gly Met Lys  
180 185 190

Thr Val Leu Leu Val Pro Arg Asn Leu Glu Tyr Glu Phe Ala Glu Ala  
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Trp Glu Thr Ser Ser Asp Ala Asp Asp Gln Ile Asp Tyr Val Thr Glu  
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Asp Leu Ala Gly Phe Leu Arg Ser Val Ile Val  
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